

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---|------------------|---------|------------------|
| L1 | 4 | ("20070116522" "4946306" "5470177" "6059491").PN. | US-PGPUB; USPAT | OR | OFF | 2008/05/12 07:31 |
| S1 | 1624 | ((405/145) or (405/141) or (405/138)).OCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/09/05 17:15 |
| S2 | 4 | address and singh and detonate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 10:55 |
| S3 | 4599475 | address or encode\$1 or code\$1 or identif\$7 or password | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 04:19 |
| S4 | 1624 | ((405/145) or (405/141) or (405/138)).OCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/01/08 11:07 |
| S5 | 1624 | S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 11:07 |
| S6 | 15 | S3 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 11:14 |
| S7 | 409 | ((299/1.3) or (299/1.6) or (299/1.7) or (299/30) or (299/42)).OCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/10/30 04:33 |
| S8 | 60 | S3 and S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 11:15 |
| S9 | 17 | "2265652" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 11:44 |
| S10 | 6 | "10207698" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/01/08 11:46 |
| S11 | 1 | ("3406342").PN. | US-PGPUB; USPAT | OR | OFF | 2007/01/08 11:46 |
| S12 | 2 | ((4518285) or (5062033)).PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/04 11:51 |

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|-----|------|---|---|----|-----|------------------|
| S13 | 1 | 405/302.ccls. and ((bus adj line) with switch\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/04 11:53 |
| S14 | 1625 | ((405/145) or (405/141) or (405/138)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/09/04 11:53 |
| S15 | 411 | ((299/1.3) or (299/1.6) or (299/1.7) or (299/30) or (299/42)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/09/04 11:53 |
| S16 | 2023 | S14 or S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/04 11:53 |
| S17 | 274 | (405/302).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/09/04 11:53 |
| S18 | 2274 | S16 or S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/04 11:54 |
| S19 | 197 | S18 and switch\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/04 11:55 |
| S20 | 40 | S18 and (switch\$3 near9 (open\$3 or clos\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/04 11:55 |
| S21 | 487 | (singh.xa. or singh.xp.) and switch\$3 | USPAT | OR | ON | 2007/09/04 13:21 |
| S22 | 4 | S21 and detonat\$5 | USPAT | OR | ON | 2007/09/04 13:21 |
| S23 | 2 | "20070108133" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/05 17:23 |
| S24 | 17 | ("1315615" "20050063782" "4122012" "4645377" "5197824").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/05 17:25 |
| S25 | 6 | ("1315615" "20050063782" "4122012" "4645377" "5197824").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/05 17:33 |
| S26 | 27 | singh and terrorist | USPAT | OR | ON | 2007/09/05 17:37 |
| S27 | 0 | "20070003371" | USPAT | OR | ON | 2007/09/05 17:37 |

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|-----|---------|--|--|----|-----|---------------------|
| S28 | 1 | "20070003371" | US-PGPUB; USPAT | OR | ON | 2007/09/05 17:38 |
| S29 | 60 | dewatering and "15"/\$. ccls. | US-PGPUB; USPAT | OR | ON | 2007/09/05 17:38 |
| S30 | 11 | S29 and pipeline | US-PGPUB; USPAT | OR | ON | 2007/09/05 19:27 |
| S31 | 1 | ("4540065").PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/05 19:27 |
| S32 | 6496665 | address or encode\$1 or code\$1 or identif\$7 or password or coding or assign\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 04:34 |
| S33 | 381546 | longwall or sidewall | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 04:58 |
| S34 | 6751246 | address or encode\$1 or code\$1 or identif\$7 or password or coding or assign\$3 or unique \$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 04:38 |
| S35 | 73990 | ((bus adj line) or cable) with switch\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:19 |
| S36 | 153705 | (address or encode\$1 or code\$1 or identif\$7 or password or coding or assign\$3 or unique \$3) with command\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:39 |
| S37 | 54 | S33 and S35 and S36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 04:49 |
| S38 | 4247 | S35 and S36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 04:40 |
| S39 | 977 | ((299/1.05-1.9) or (299/30) or (299/42) or (405/302)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/10/30 06:05 |
| S40 | 3 | S38 and S39 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 04:42 |
| S41 | 1414967 | magnify or magnifies magnif\$4 or amplify or amplifies or amplif\$4 or intensif\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:20 |

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|-----|---------|--|---|----|----|------------------|
| S42 | 4450434 | transmit or transmitted or transmitting or convey or conveying or conveyed or send or sending or sent | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:23 |
| S43 | 1666 | S38 and S41 and S42 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 04:57 |
| S44 | 1620 | (longwall or sidewall) with (mine or mining) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 04:59 |
| S45 | 3 | S43 and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 04:59 |
| S46 | 338455 | (magnify or magnifies magnified or amplify or amplifies or amplified or intensify or intensified or intensifies) with signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:06 |
| S47 | 770 | S46 and S38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:08 |
| S48 | 90566 | S42 same S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:08 |
| S49 | 409 | S48 and S38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:08 |
| S50 | 35304 | singh | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:10 |
| S51 | 73990 | ((bus adj line) or cable) with switch\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:19 |
| S52 | 17467 | ((bus adj line) or cable) with switch\$3 | EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:19 |
| S53 | 219227 | (magnif\$4 or amplif\$4 or intensif\$4) with signal | EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:21 |

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|-----|--------|---|---|----|-----|------------------|
| S54 | 710055 | (transmit or retransmit \$4 or transmission or transmitted or transmitting or convey or conveying or conveyed or send or sending or sent or conduct or conducting or conducted or transport or transporting or transported or carry or carried or carrying) with signal | EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:25 |
| S55 | 190 | S52 and S53 and S54 | EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:25 |
| S56 | 514 | (longwall or sidewall) with (mine or mining) | EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:25 |
| S57 | 0 | S55 and S56 | EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:26 |
| S58 | 67742 | (feedback or return) with signal | EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:26 |
| S59 | 43315 | S53 same S54 | EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:27 |
| S60 | 10 | S52 and S58 and S59 | EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:30 |
| S61 | 175 | S52 and S59 | EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:30 |
| S62 | 30535 | (address or encode\$1 or code\$1 or identif\$7 or password or coding or assign\$3 or unique \$3) with command\$3 | EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:39 |
| S63 | 2 | S61 and S62 | EPO; JPO; DERWENT | OR | ON | 2007/10/30 05:40 |
| S64 | 977 | ((299/1.05-1.9) or (299/30) or (299/42) or (405/302)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/10/30 06:06 |
| S65 | 19 | S51 and S64 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 06:06 |
| S66 | 4 | ("3482877").PN. OR ("4099782").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/30 06:18 |
| S67 | 2 | ((4518285) or ("5062033")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/30 06:35 |
| S68 | 1 | ("6604584").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/30 07:18 |

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|-----|-----|---|--|----|-----|---------------------|
| S69 | 7 | ("1027698").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/10/30 07:19 |
| S70 | 5 | ("3406342").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/10/30 08:23 |
| S71 | 2 | ("5062033").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/10/30 08:23 |
| S72 | 131 | singh.xa. and "405"/\$. ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/10/30 14:31 |
| S73 | 131 | singh.xa. and "405"/\$. ccls. | USPAT | OR | ON | 2007/10/30 14:31 |
| S74 | 6 | ("3905570" "4786088" "5018260" "5575558" "6418591" "6439809").PN. OR ("6644892").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/30 14:33 |
| S75 | 1 | ("5062033").PN. | USPAT | OR | OFF | 2008/05/12 02:18 |
| S76 | 6 | "10207698" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 02:18 |
| S77 | 5 | (("3406342") or ("4146271") or ("5029943") or ("6481802") or ("6509842")).PN. | USPAT | OR | OFF | 2008/05/12 02:23 |
| S78 | 55 | e21d023/12.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 02:52 |
| S79 | 0 | e21d23/12.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 02:52 |
| S80 | 55 | e21d023/12.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 02:52 |
| S81 | 0 | e21d023/012.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 02:52 |

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|-----|-----|--|--|----|-----|---------------------|
| S82 | 0 | e21d23/012.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 02:52 |
| S83 | 55 | e21d023/12.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 02:52 |
| S84 | 14 | e21d023/14.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 02:52 |
| S85 | 140 | e21d023/00.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 02:53 |
| S86 | 148 | e21c035/24.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 02:53 |
| S87 | 349 | S83 or S84 or S85 or S86 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 02:54 |
| S88 | 519 | ((299/1.05) or (299/1.3) or (299/1.6) or (299/1.7) or (405/302)).OCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 03:40 |
| S89 | 444 | S88 not S87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 03:40 |
| S90 | 81 | ("3243964" "3285015" "3320001" "3378303" "3482877" "3495499" "3531159" "3633081" "3643445" "3664138" "3922015" "4050256" "4109472" "4130319" "4134270" "4146271" "4159470" "4159671" "4162371" "4228508" "4315439" "4330154" "4352103" "4398851" "4451181" "4453774" "4465319" "4466667" "4490785" "4518285" "4570217" | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/12 04:13 |

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|-----|----|---|---------------------------|----|-----|---------------------|
| | | "4575842" "4579019" "4607330" "4638473" "4646896" "4692067" "4748560" "4870697" "5020860" "5029943" "5110187" "5137336" "5234256" "5275469").PN. OR ("3406342" "4099782" "4146271" "4518285" "4828326" "4899332" "5029943" "5062033" "6481802" "6509842").URPN. | | | | |
| S91 | 81 | ("3243964" "3285015" "3320001" "3378303" "3482877" "3495499" "3531159" "3633081" "3643445" "3664138" "3922015" "4050256" "4109472" "4130319" "4134270" "4146271" "4159470" "4159671" "4162371" "4228508" "4315439" "4330154" "4352103" "4398851" "4451181" "4453774" "4465319" "4466667" "4490785" "4518285" "4570217" "4575842" "4579019" "4607330" "4638473" "4646896" "4692067" "4748560" "4870697" "5020860" "5029943" "5110187" "5137336" "5234256" "5275469").PN. OR ("3406342" "4099782" "4146271" "4518285" "4828326" "4899332" "5029943" "5062033" "6481802" "6509842").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/12 04:38 |

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|-----|----|--|--|----|-----|---------------------|
| S92 | 3 | hocking.in. and singh. xa. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/05/12 04:57 |
| S93 | 18 | ("4271696" "4281713" "4353244" "4429647" "4432078" "4724905" "5032042" "5061119" "5103911" "5133625" "5263795" "5322126" "5524709" "5934373" "5963508").PN. OR ("6330914").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/12 04:58 |
| S94 | 40 | ("2642142" "2952319" "3058730" "3237690" "3280913" "3402769" "3547198" "3727688" "3779915" "3948325" "4271696" "4281713" "4353244" "4429647" "4432078" "4555493" "5032042" "5061119" "5103911" "5133625" "5263795" "5564499" "5944446" "5963508" "5981447" "6070666").PN. OR ("6216783").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/05/12 04:59 |

5/12/2008 8:20:22 AM

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